

PHOENIX SURVEYS, INC.					
		Company Bonanza Creek Energy Inc. Well Antelope 22-17 Field Wattenberg County Weld State/Province Colorado		Other Services None	
Location		Log Measured From Log Measured From K/B K/B		GL Elevation 4600 K/B 4700 DF 4701 G.L. 4690	
Date		Run Number April 26, 2011			
Recorded By		Depth Offset 6871			
Equipment Number		Bottom Logged Interval 6871			
Location		Casing Casing 433			
Time Origin		Casing Logger 433			
Time Origin Skipped		Tool Read in Hole			
Time Origin Recorded Temperature		Density / Viscosity			
Equipment Number		pH / Fluid Loss			
Location		Source of Sample			
Recorded By		Flowline			
Equipment Number		Flow @ Mass Temp			
Location		Flow @ Mass Temp			
Recorded By		Measure / Calc			
Equipment Number		Flow @ BHT			
Location		Chemical			
Recorded By		Chemical			
Equipment Number		9.3 / 65			
Location		9.0 / 9.6			
Recorded By		Enlighten CO			
Equipment Number		Michael Stuenkel			
Location		Turn Dodge			
Recorded By		Brian Cunningham			
Equipment Number		John Adams			

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All interpretations are based upon inferences from electrical or other measurements and we cannot and do not guarantee the accuracy of any interpretation, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any losses, expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These terms subject to our general terms and conditions set out in our current Price Schedule.

Comments

Annular volume calculated for 4.5" casing
Fort Drilling Rig 5
Thank you for using Phoenix Surveys!!
API #: 05-123-33026-00

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Database File:		11630.db	
Dataset Pathname:		pas3.4	
Presentation Format:		pdc1	
Dataset Creation:		Tue Apr 26 19:48:28 2011	
Charted by:		Depth in Feet scaled 1:240	

6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
30	Gamma Ray (GAPI)	130	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
70	SP (mV)	170	2	Shallow Resistivity (Ohm-m)	200			
	ABHV (ft3)		2	Rt (Ohm-m)	200			

